



U.S. DEPARTMENT OF LABOR
WORKPLACE STANDARDS ADMINISTRATION
BUREAU OF LABOR STANDARDS
MATERIAL SAFETY DATA SHEET

FEB 09 1982

FORM NO. OSHA-20 (MODIFIED)
MAY 1971

DPM-5513
MDC CONTROL NO.

SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME	PEMACO INC.	EMERGENCY TELEPHONE NO.	LU-17185
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) 5989 District Blvd. Los Angeles, Calif. 90040			
CHEMICAL NAME AND SYNONYMS Organic Solvent Blend		TRADE NAME AND SYNONYMS Pemsolv 848 Safety Solvent	
CHEMICAL FAMILY Chlorinated-Ketone		FORMULA 92% Methylene Chloride; 8% M.I.B.K.	

SECTION II: HAZARDOUS INGREDIENTS*

PAINTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS	100	450	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*				%	TLV (UNITS)

SECTION III: PHYSICAL DATA

BOILING POINT (°F)	105-230 °F.	SPECIFIC GRAVITY (H ₂ O = 1)	1.28
VAPOR PRESSURE (mm Hg.) at 16 °C.	300	PERCENT VOLATILE BY VOLUME (%)	100
VAPOR DENSITY (AIR = 1)	2.9	EVAPORATION RATE (Ether = 1)	0.70
SOLUBILITY IN WATER	1.4g/100g		
APPEARANCE AND ODOR	Clear Colorless liquid with an Ether like odor.		

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	None to boiling point	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	It will not burn			
SPECIAL FIRE FIGHTING PROCEDURES				

UNUSUAL FIRE AND EXPLOSION HAZARDS

Self contained respiratory protection should be provided for fireman in area

*PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES.
USE SPECIFIC CHEMICAL NAMES, SUCH AS METHANOL, BENZENE, PERCHLOROETHYLENE.

this material is stored

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE 450 p.p.m.

EFFECTS OF OVEREXPOSURE

Exposure to high vapor concentrations may result in irritation of respiratory Tract. Direct contact with liquid can cause skin and eye irritation

EMERGENCY AND FIRST AID PROCEDURES

Ingestion; Call a physician; If patient is conscious induce vomiting. Inhalation remove from area; If breathing stopped use artificial respiration; Administer oxygen (No Adrenaline); Skin contact remove clothing and wash; Eyes wash with water

SECTION VI: REACTIVITY DATA

STABILITY	UNSTABLE	X	CONDITIONS TO AVOID
	STABLE		

INCOMPATIBILITY (MATERIALS TO AVOID)

Aluminium, Titanium, Pure oxygen and alkali metals

HAZARDOUS DECOMPOSITION PRODUCTS

Hydrogen chloride and other toxic materials

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Soak up spills with rags or mops. Wet rag or mops should be placed in closed Containers or in a safe place out of doors until they can be dried safely.

THIS Should be done using adequate personal protective equipment.

WASTE DISPOSAL METHOD

Distillation or what local regulations will allow.

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

Self contained breathing apparatus or industrial canister type gas masks.

VENTILATION	LOCAL EXHAUST as required	SPECIAL
	MECHANICAL (GENERAL)	OTHER

PROTECTIVE GLOVES

Neoprene

EYE PROTECTION

Chemical safety goggles and plastic Face shield.

OTHER PROTECTIVE EQUIPMENT

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store drums in a cool dry place, bung up and closed tightly

OTHER PRECAUTIONS

PREPARED BY

DATE